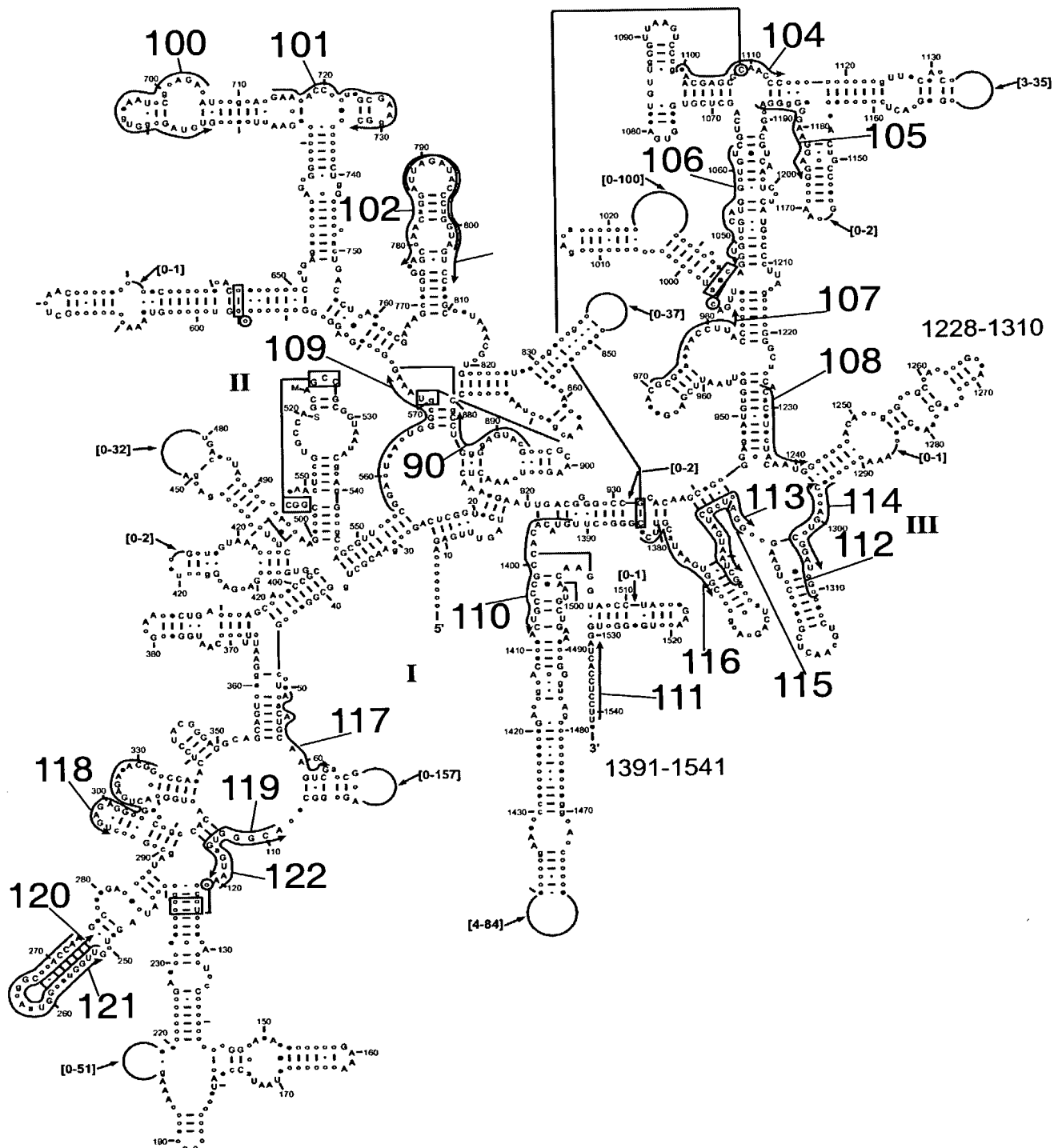


**Fig. 1A**



**Fig. 1A-2**

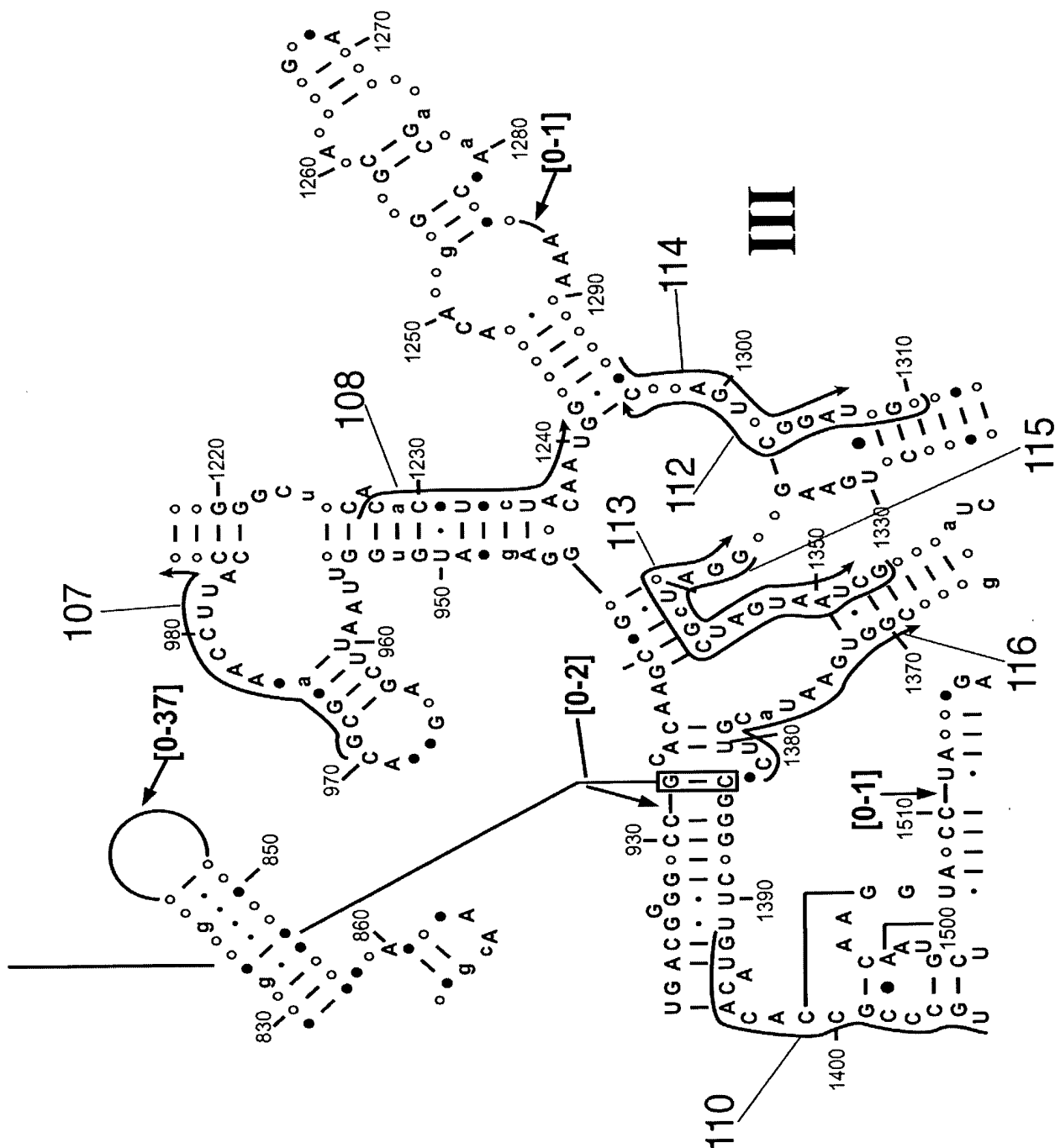


Fig. 1A-3

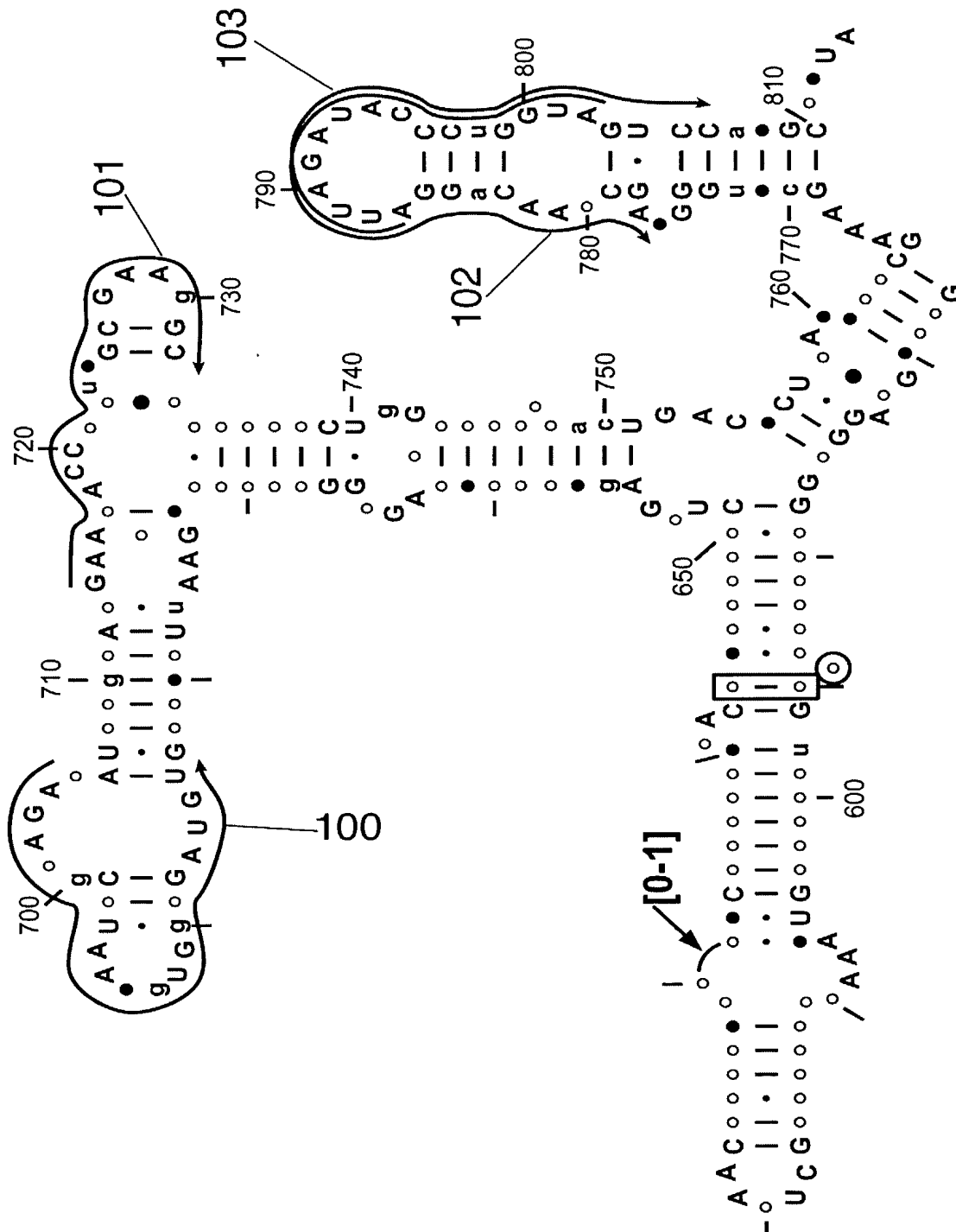


Fig. 1A-4

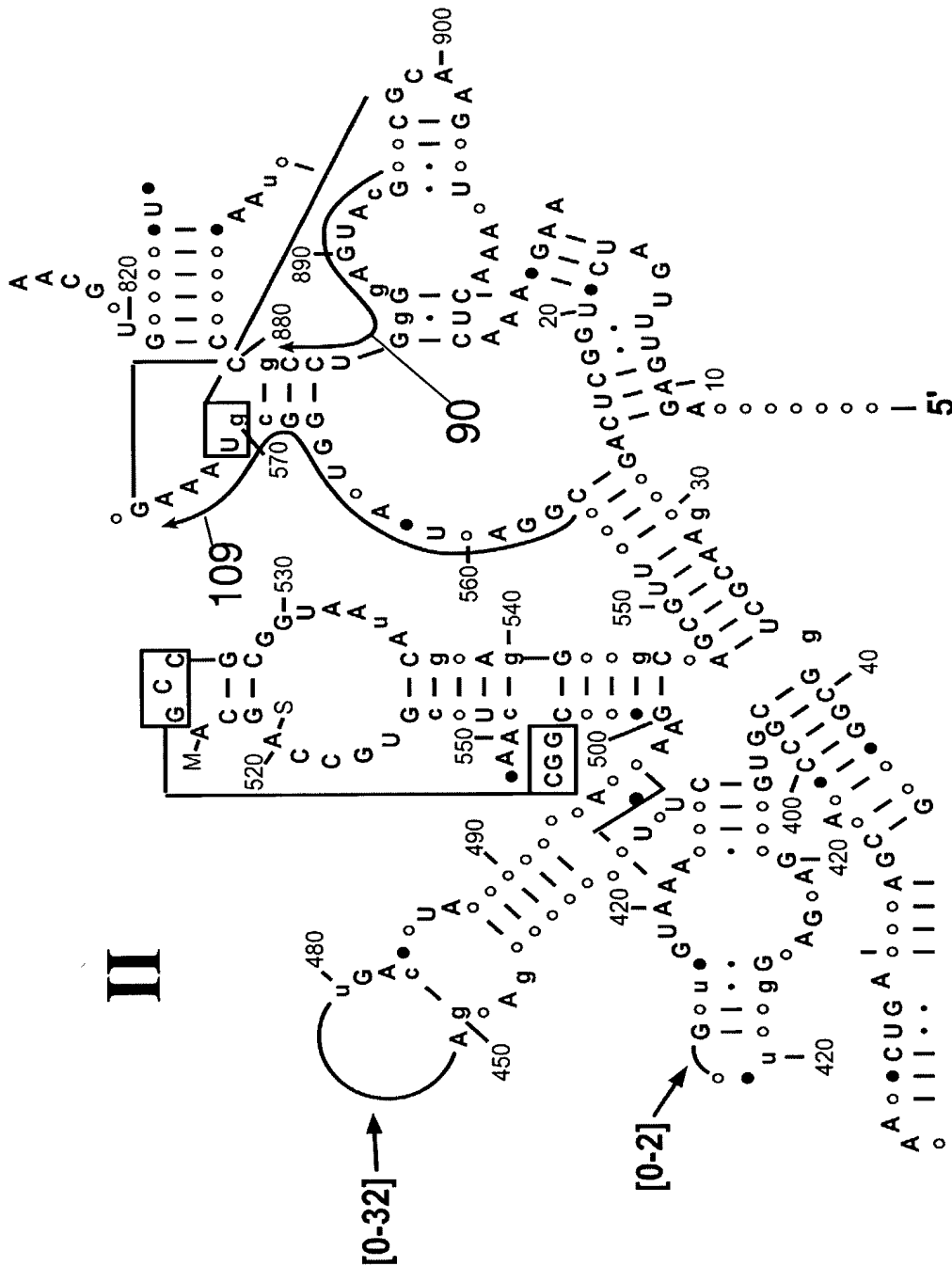
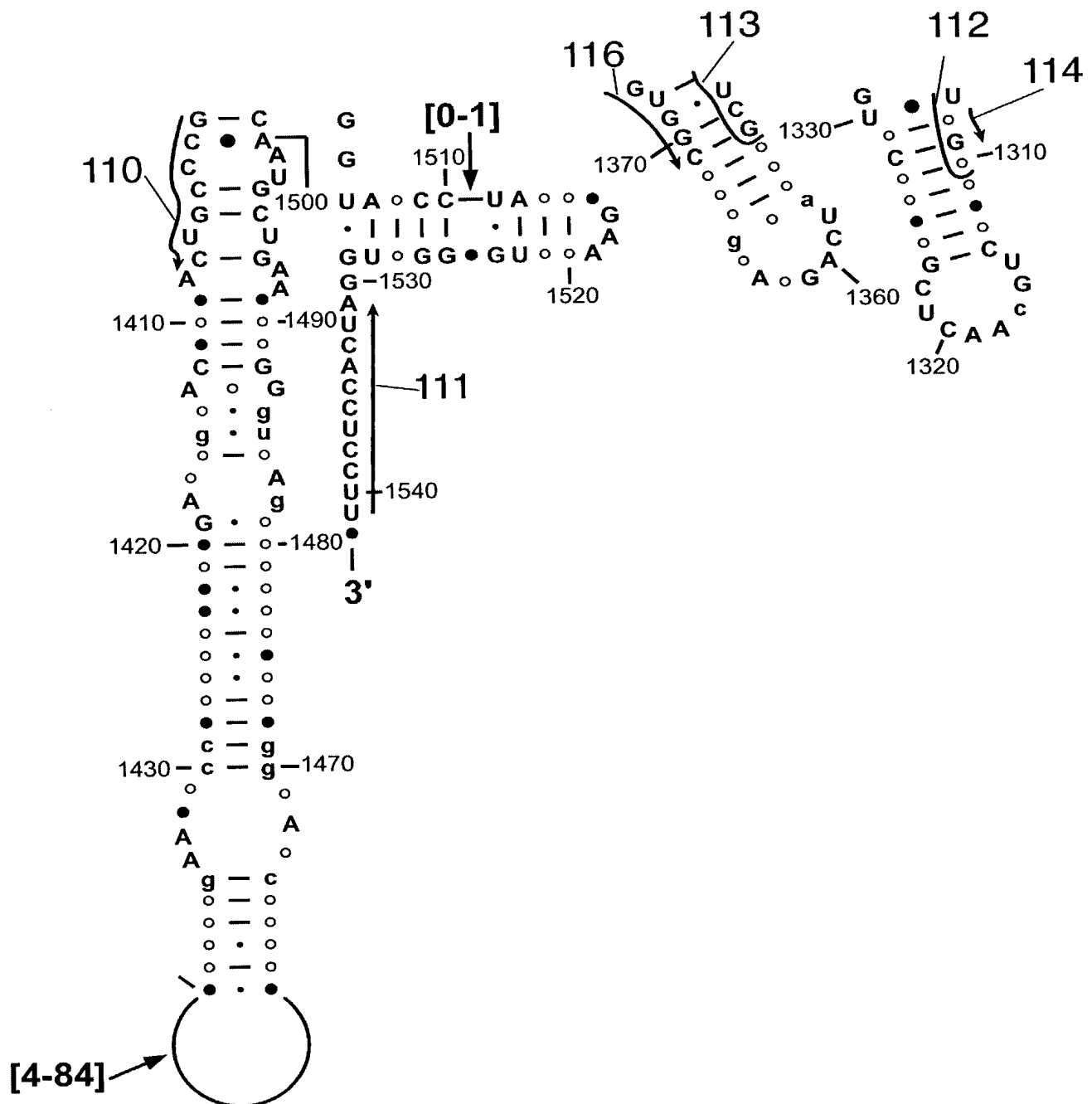
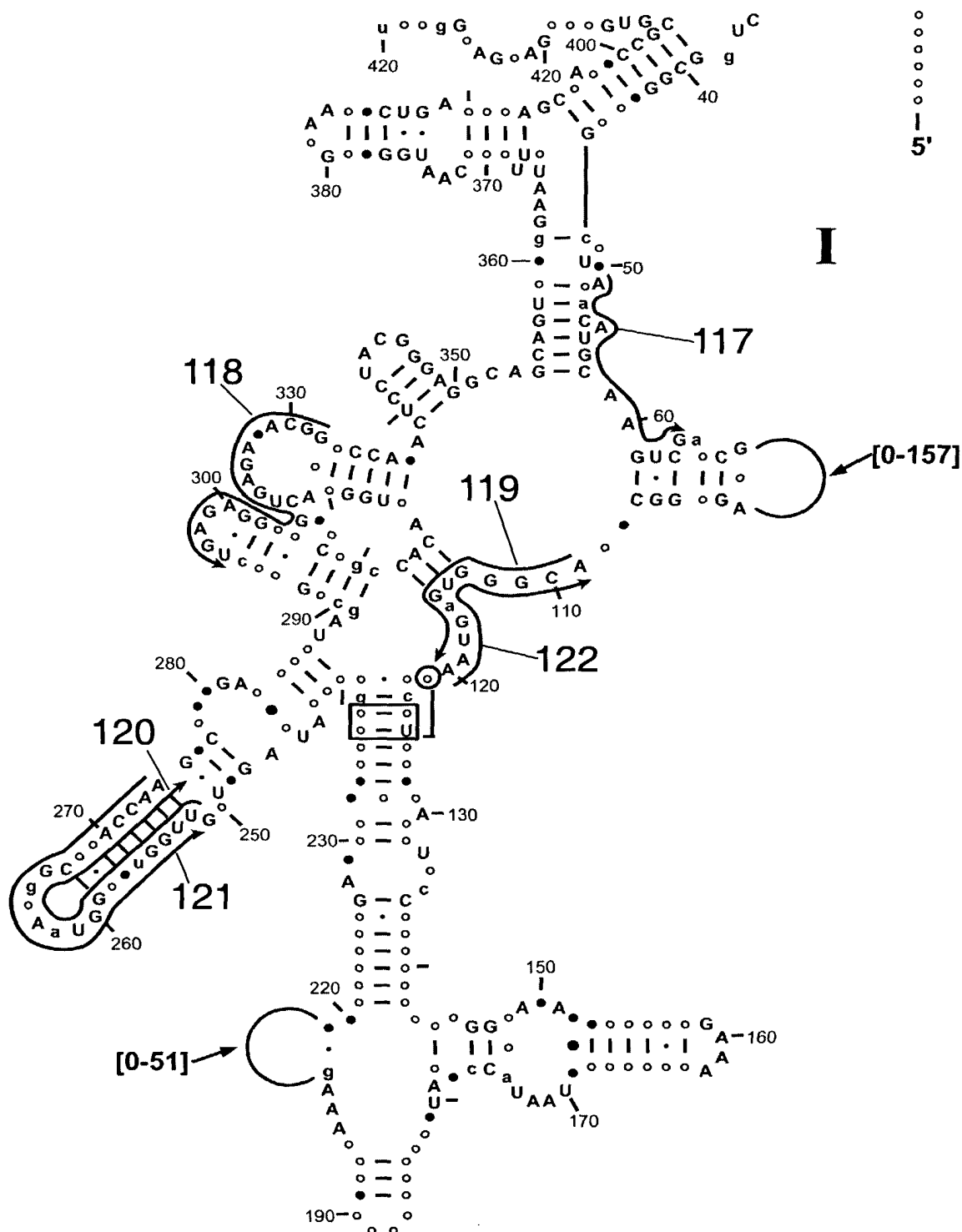


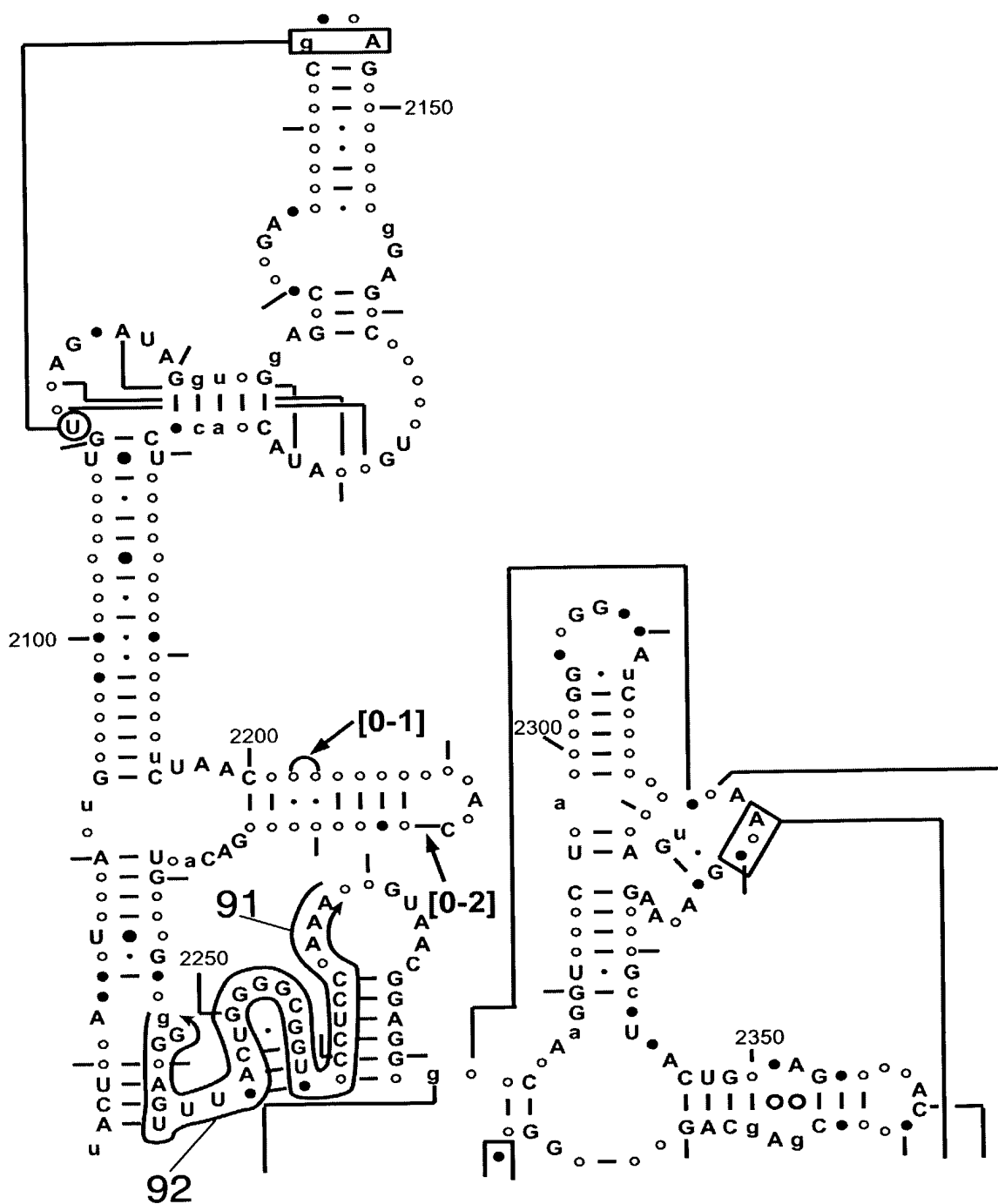
Fig. 1B-1



# I



**Fig. 1C-1**



**Fig. 1C-2**

**Note:** TA in E. coli replaced with CC so that the reverse complement becomes GG to match with predominant YY

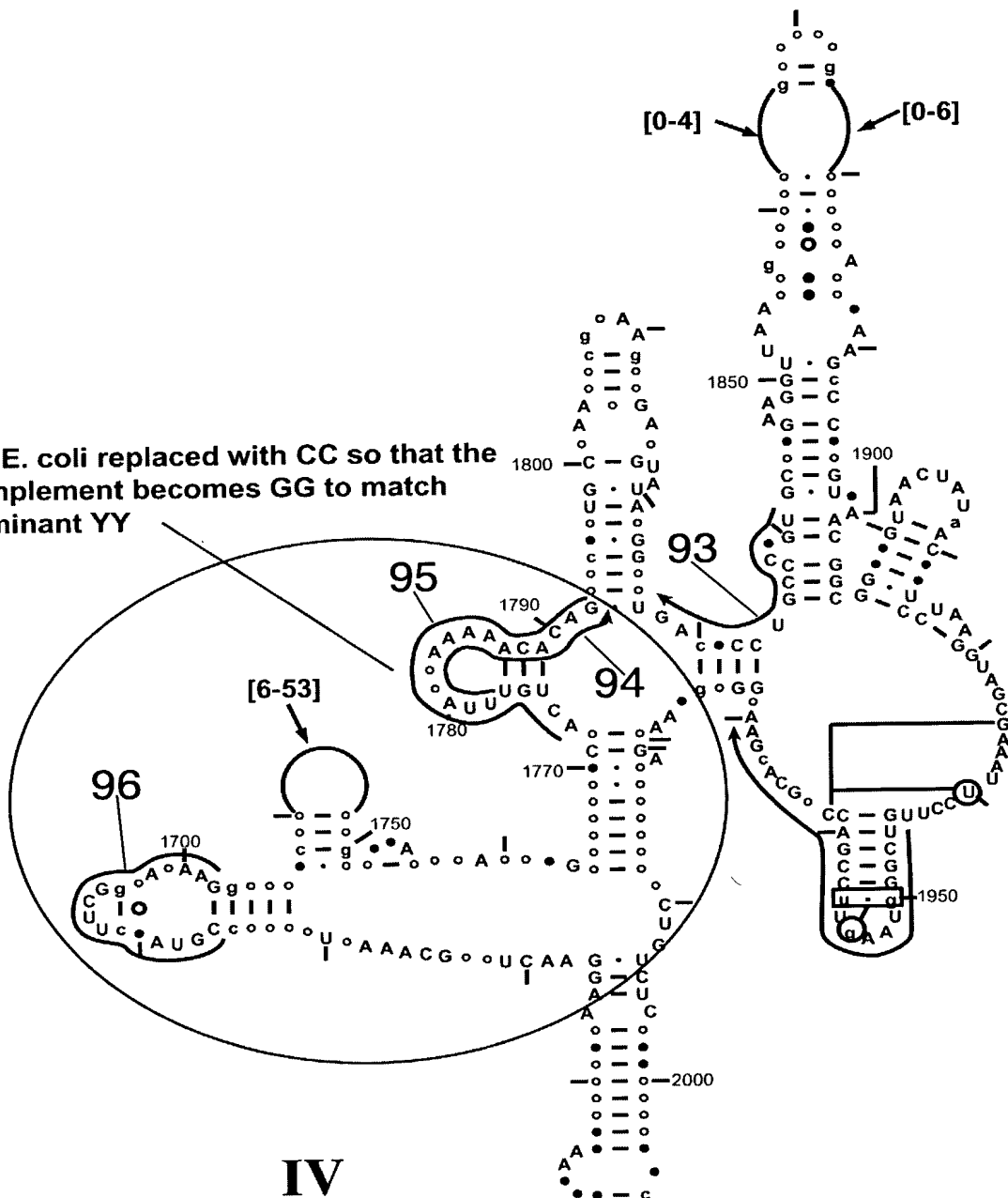




Fig. 1D

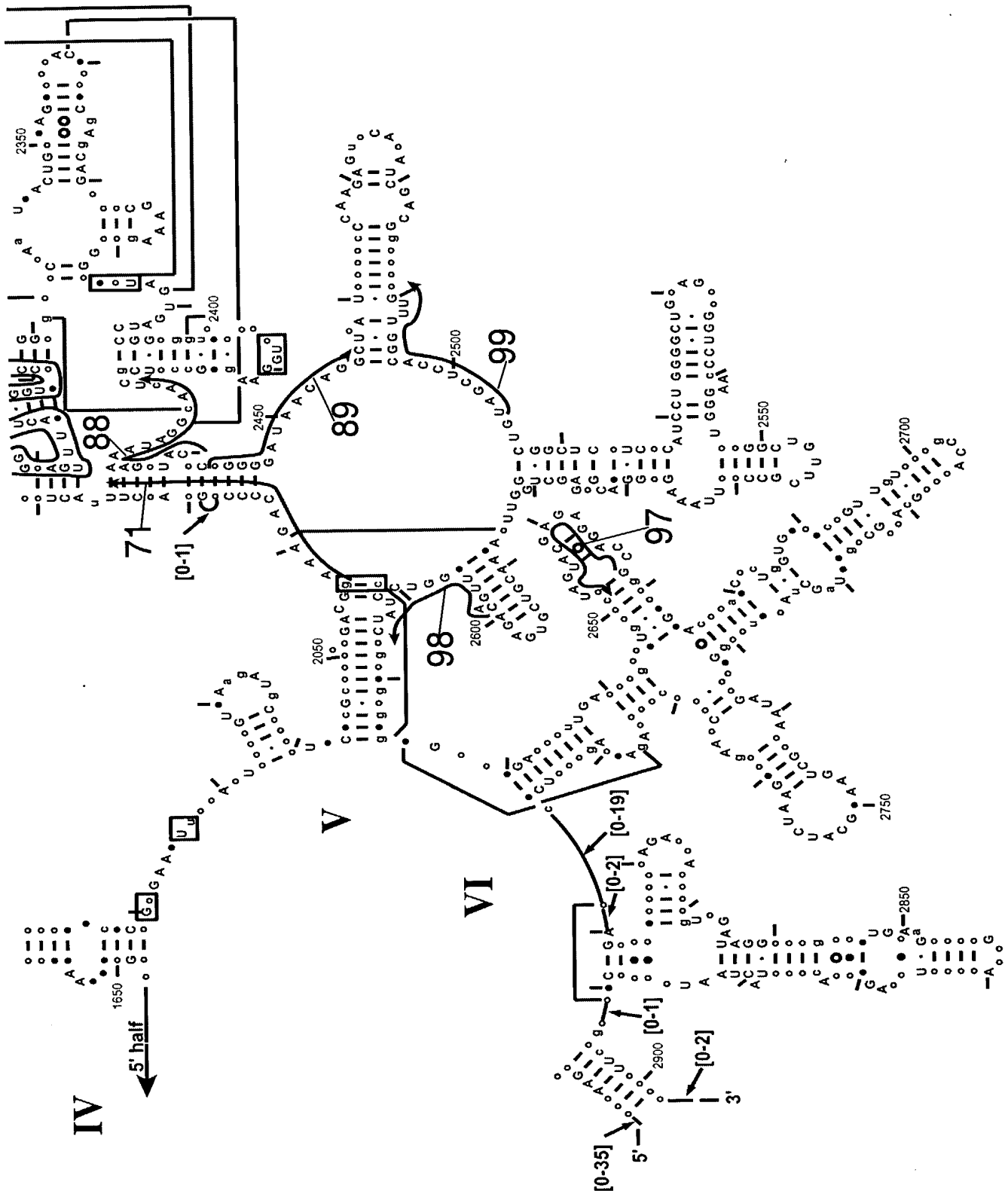
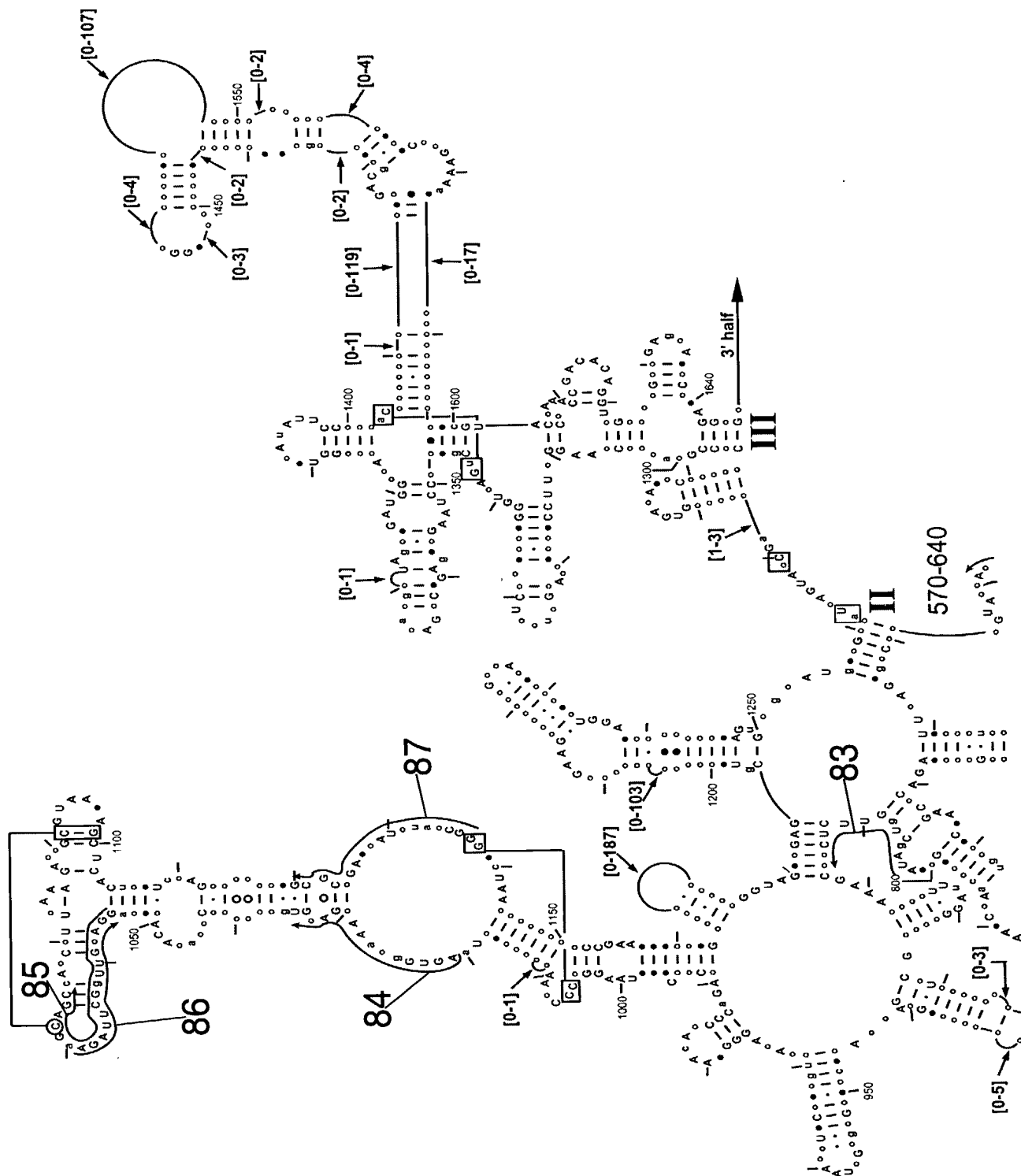
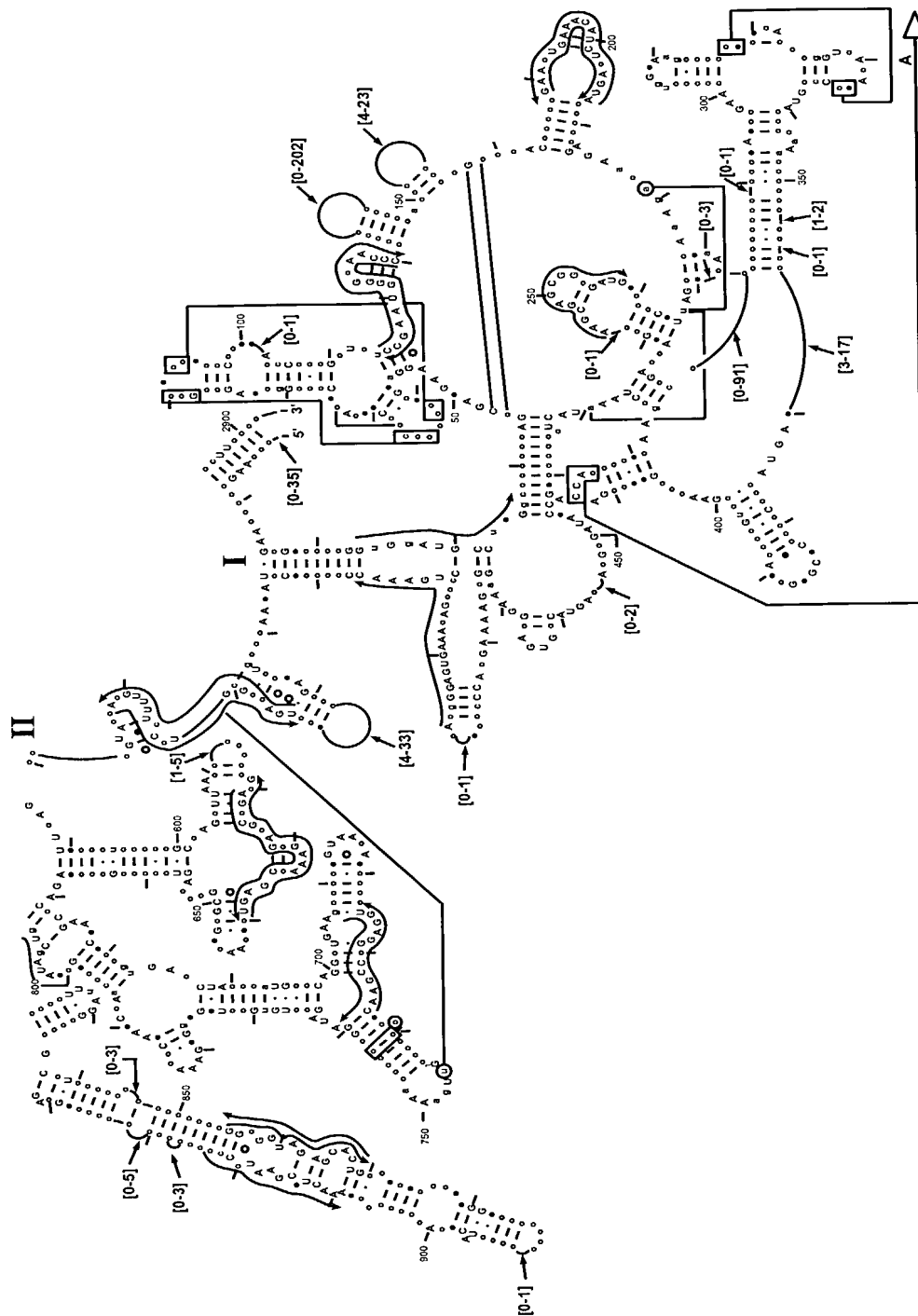
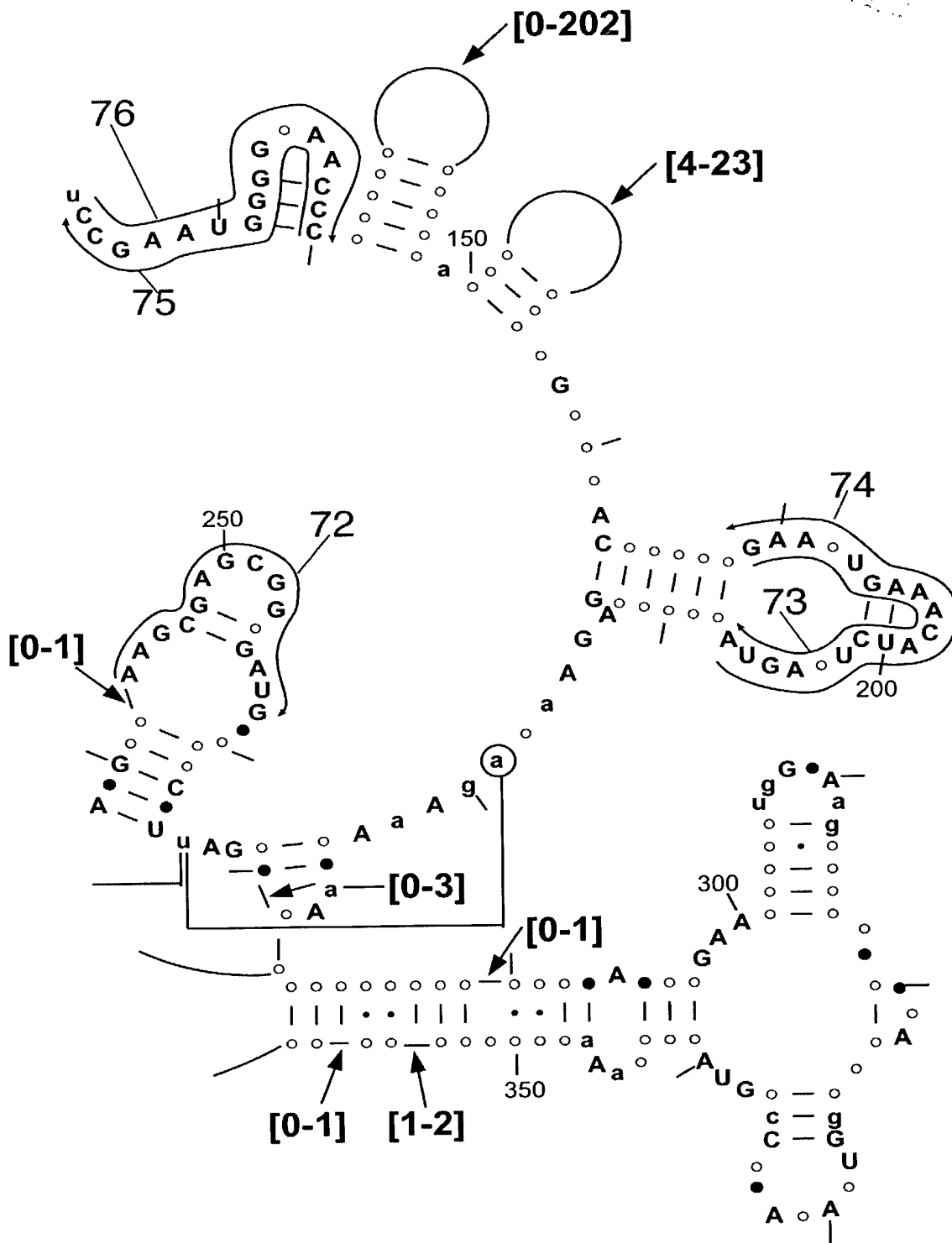


Fig. 1E



**Fig. 1F**



**Fig. 1G**

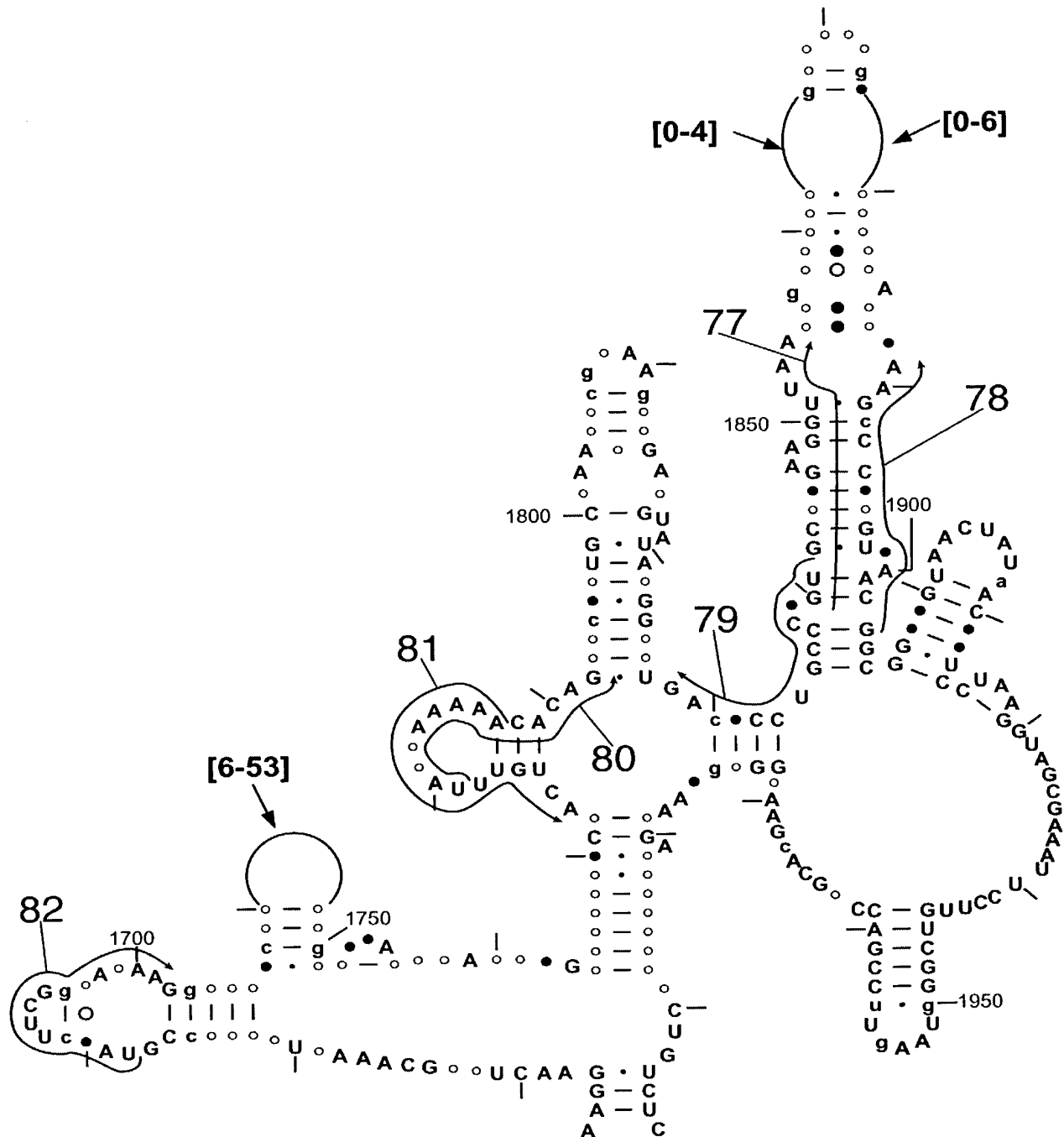
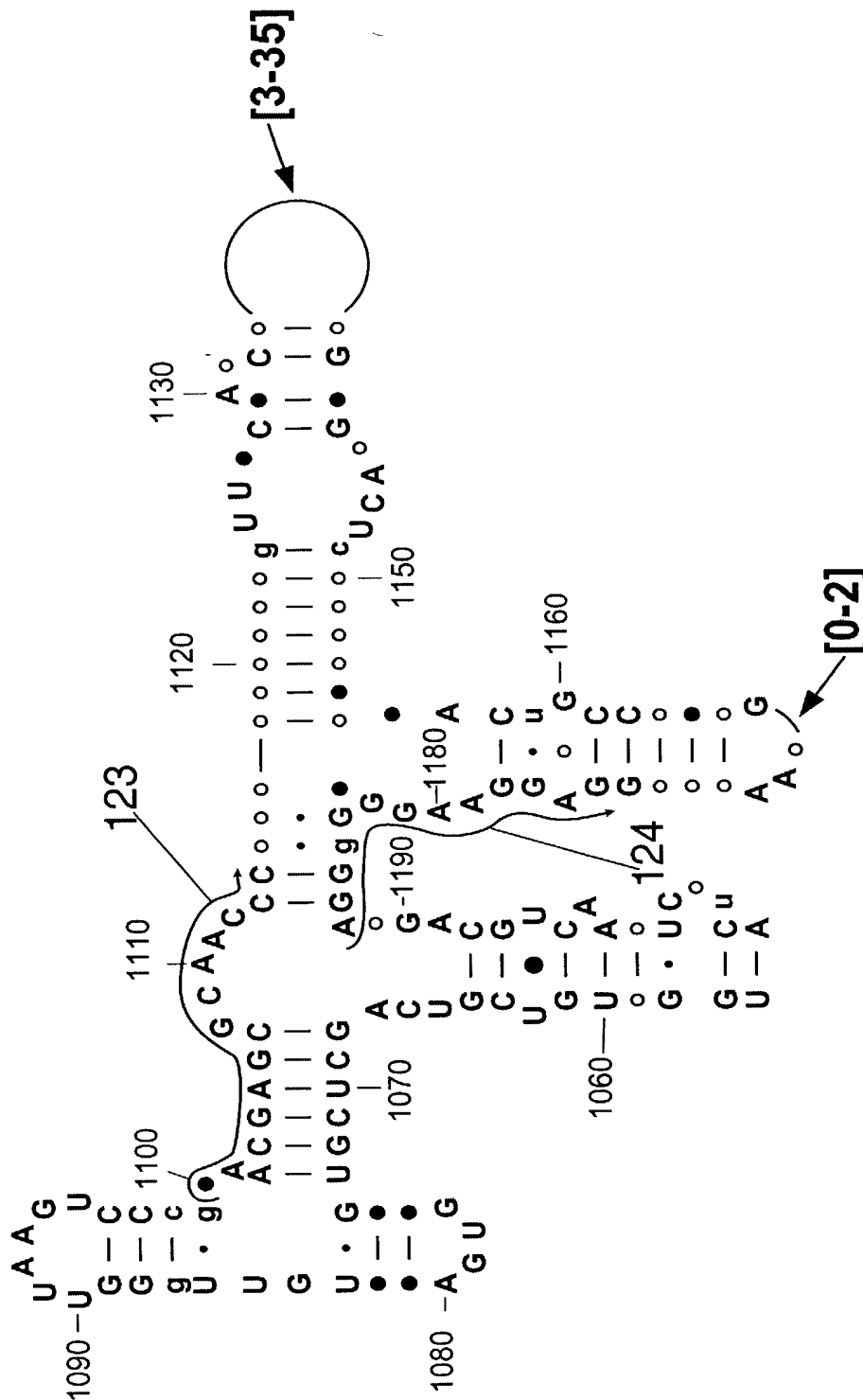
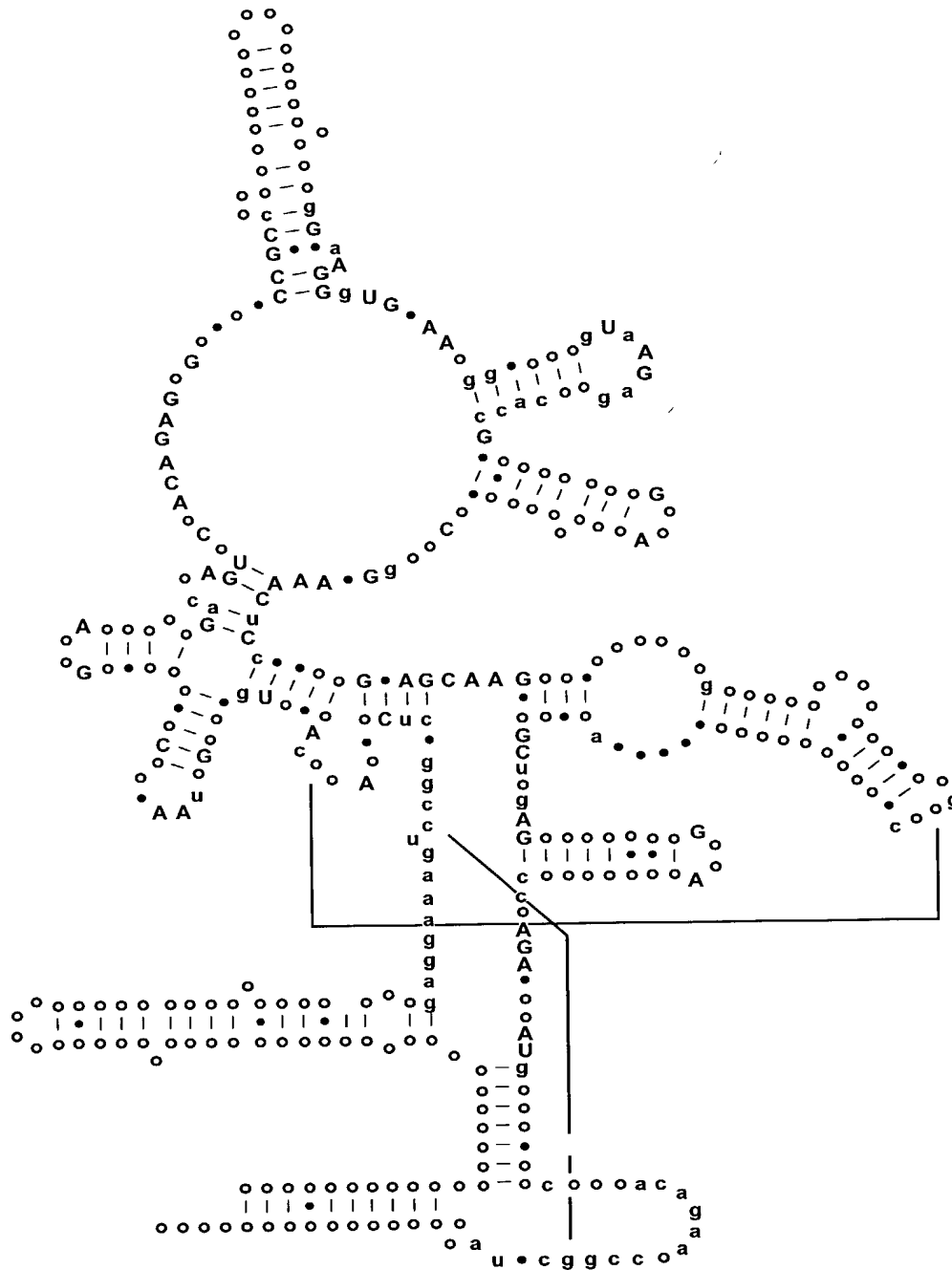
**Fig. 1H**

Fig. 2

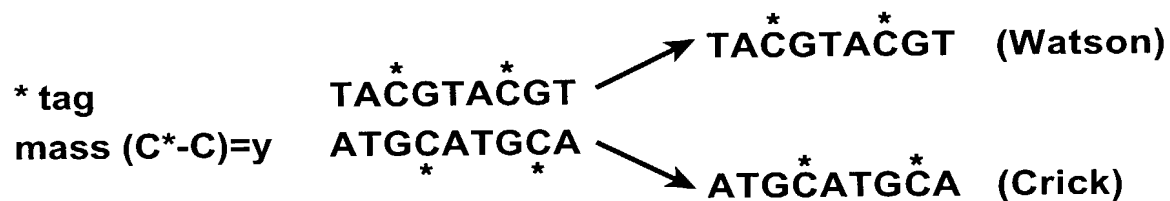
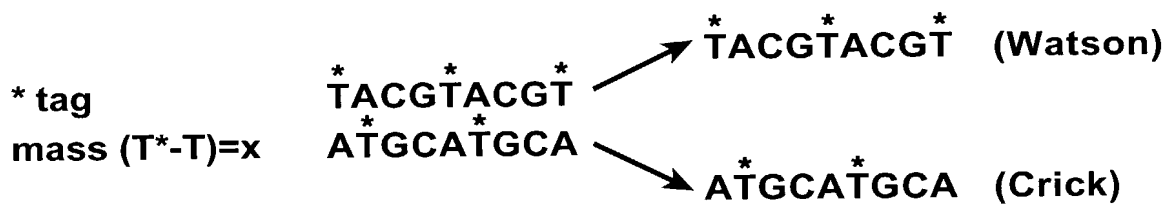


**Fig. 3**



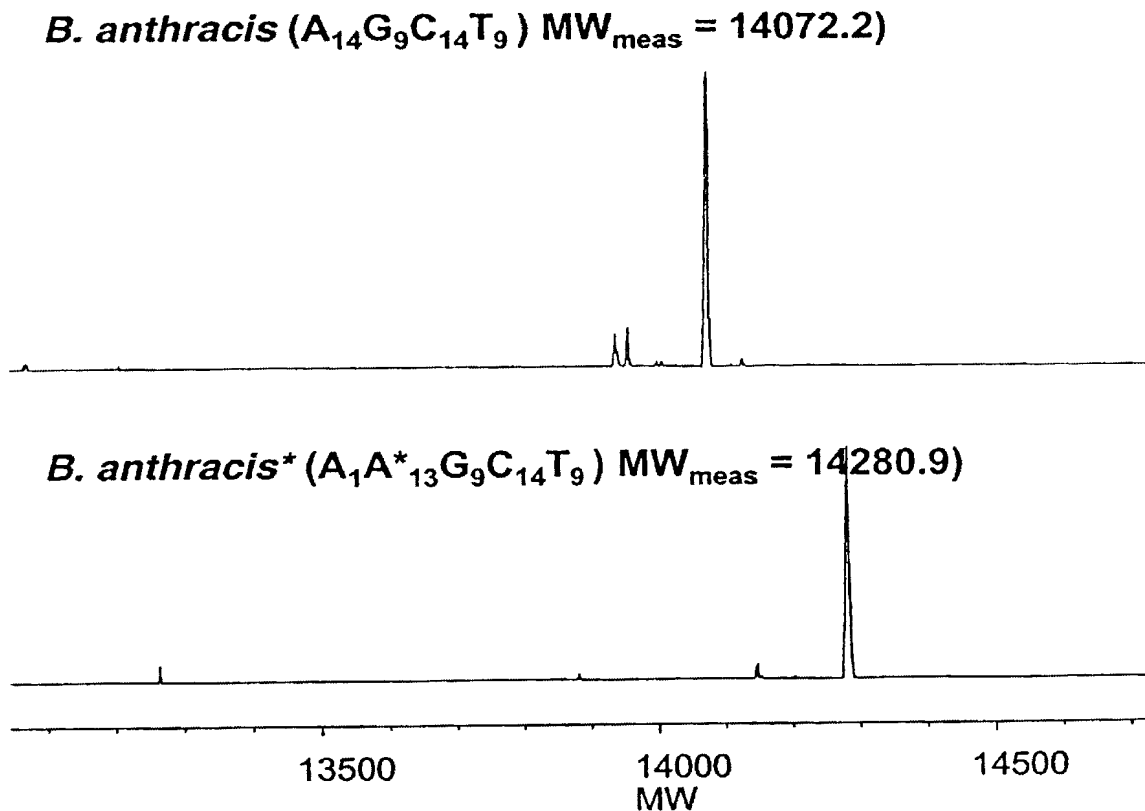


**Fig. 4**





**Fig. 5**



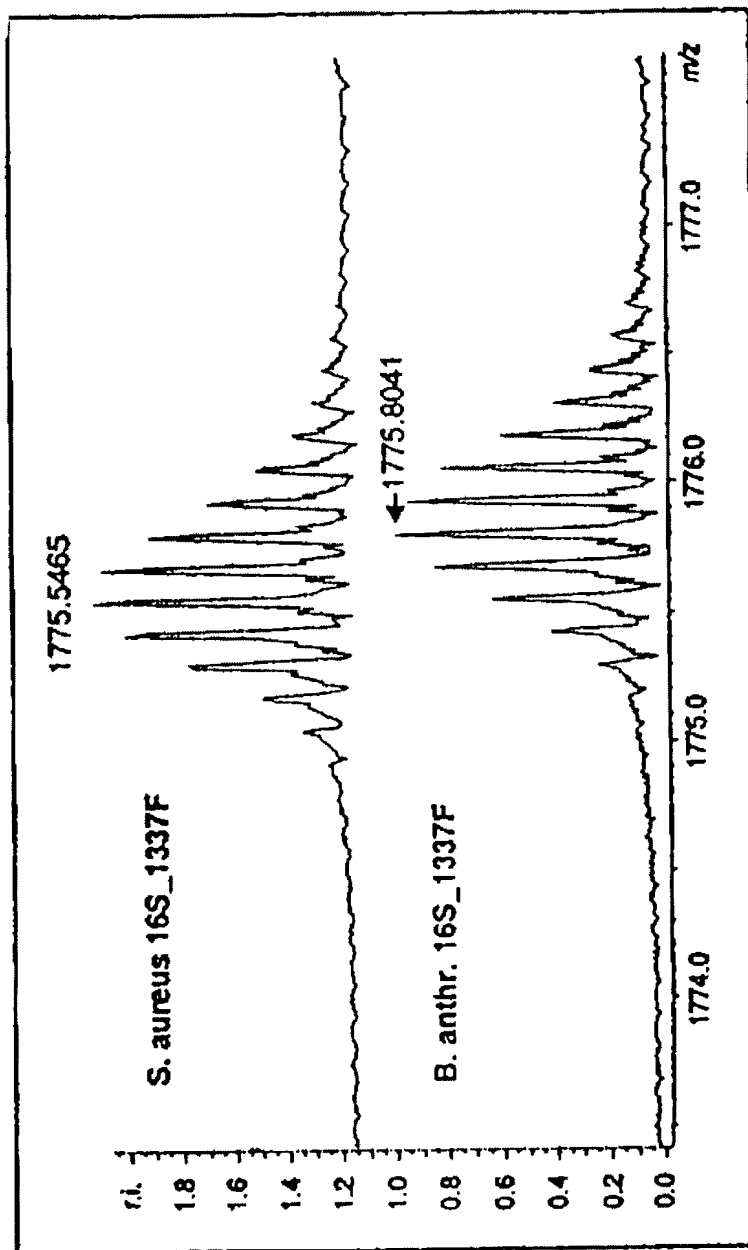
**Fig. 6**

Fig. 7

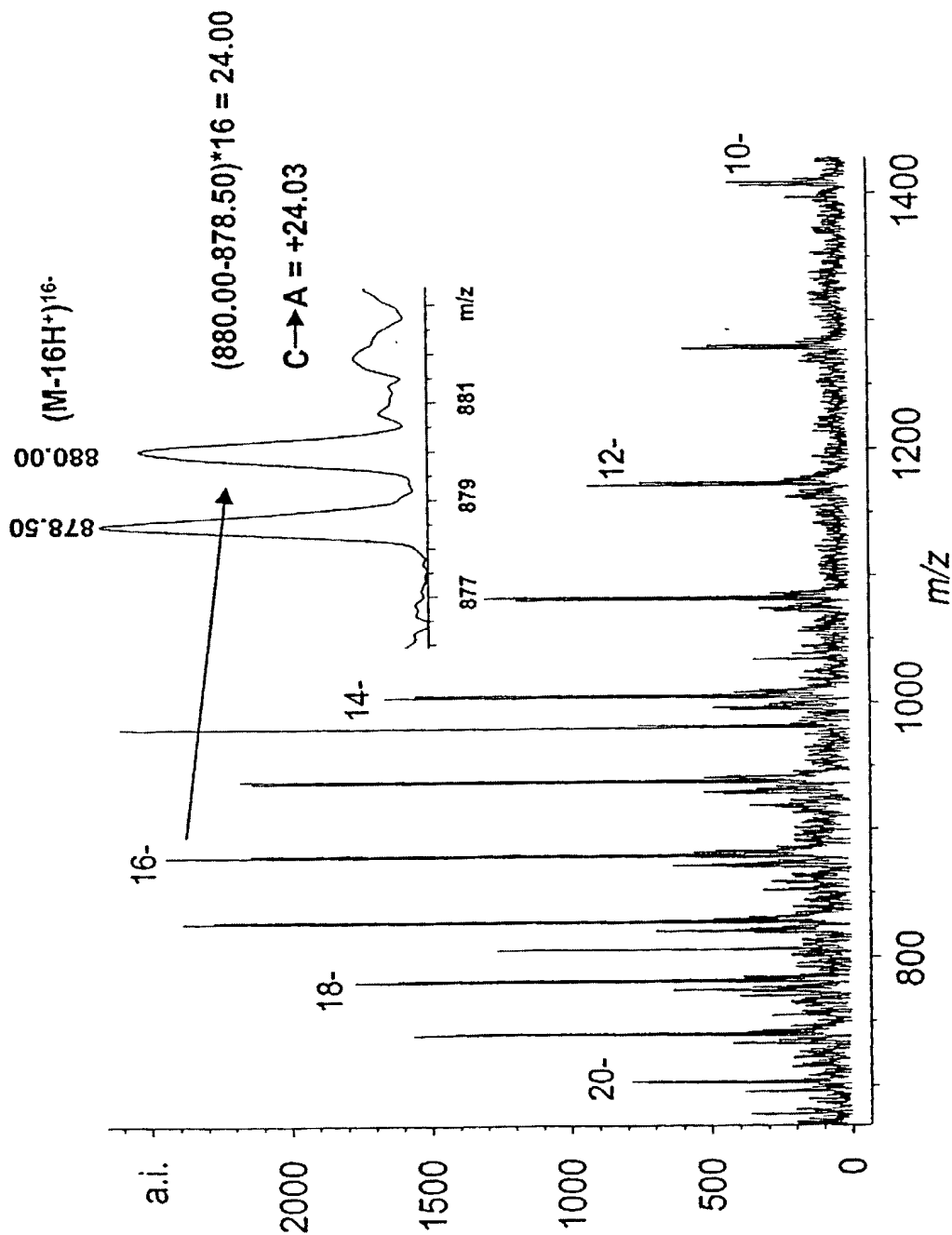
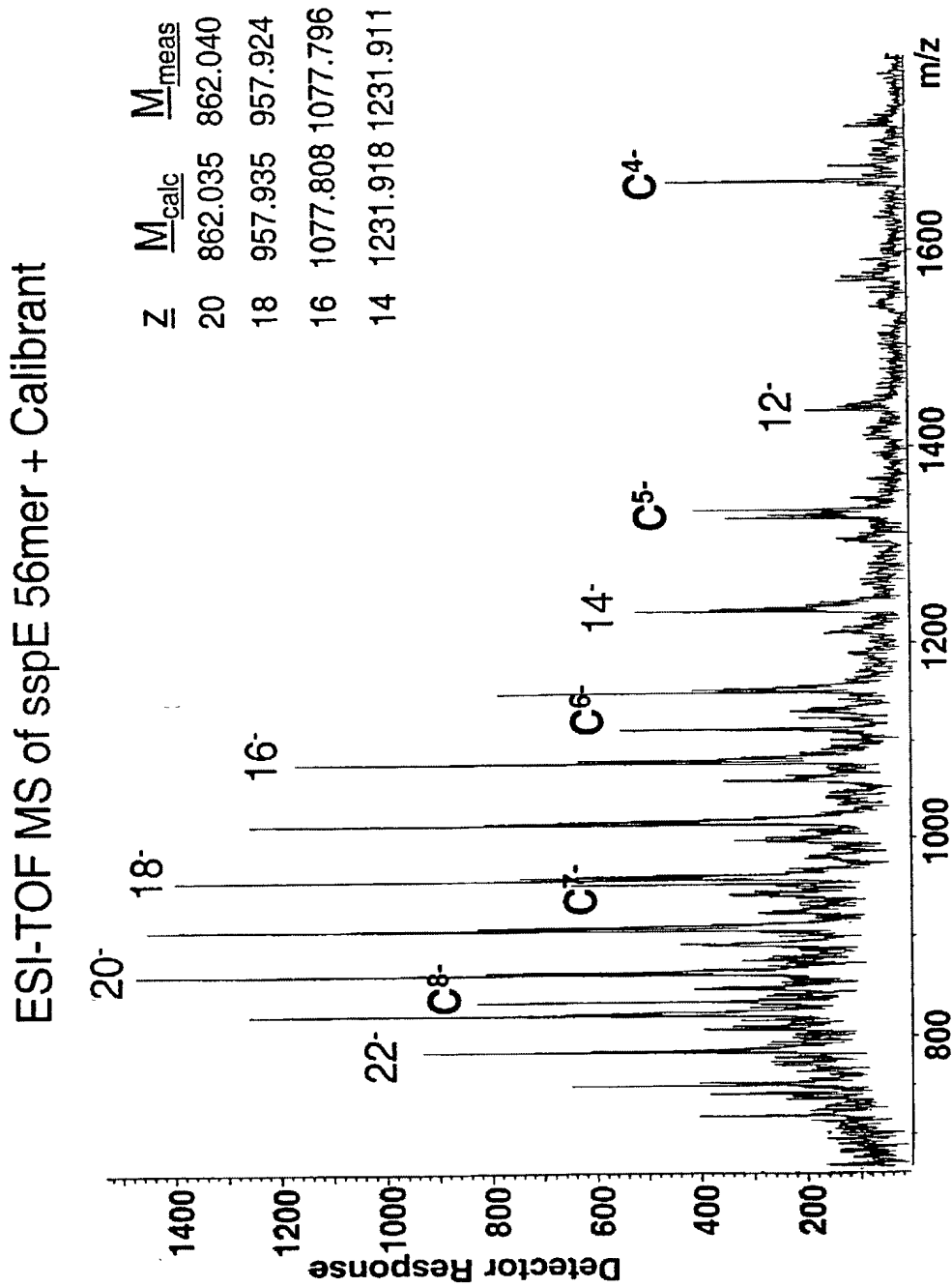


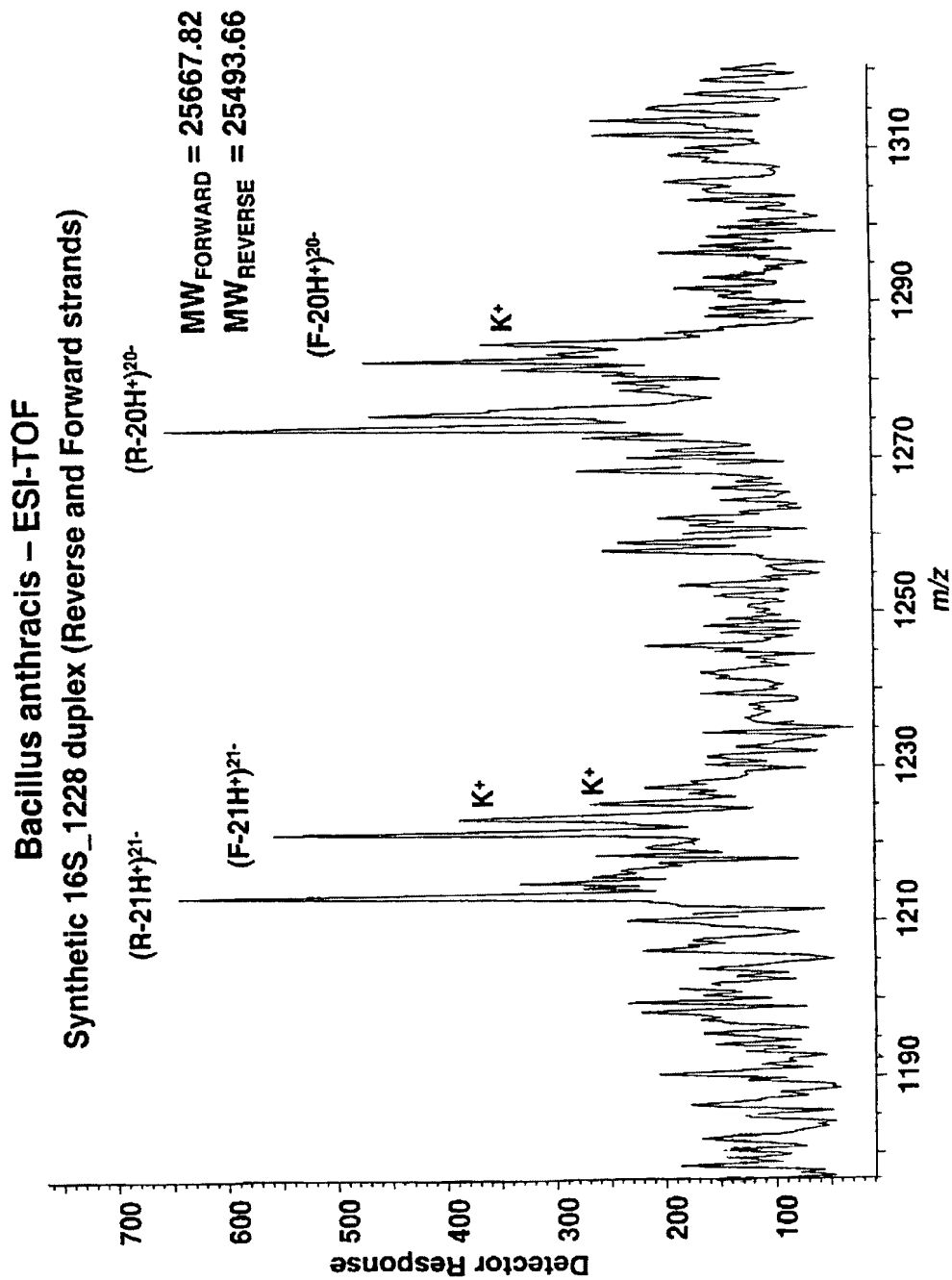
Fig. 8



09891793 . 070202

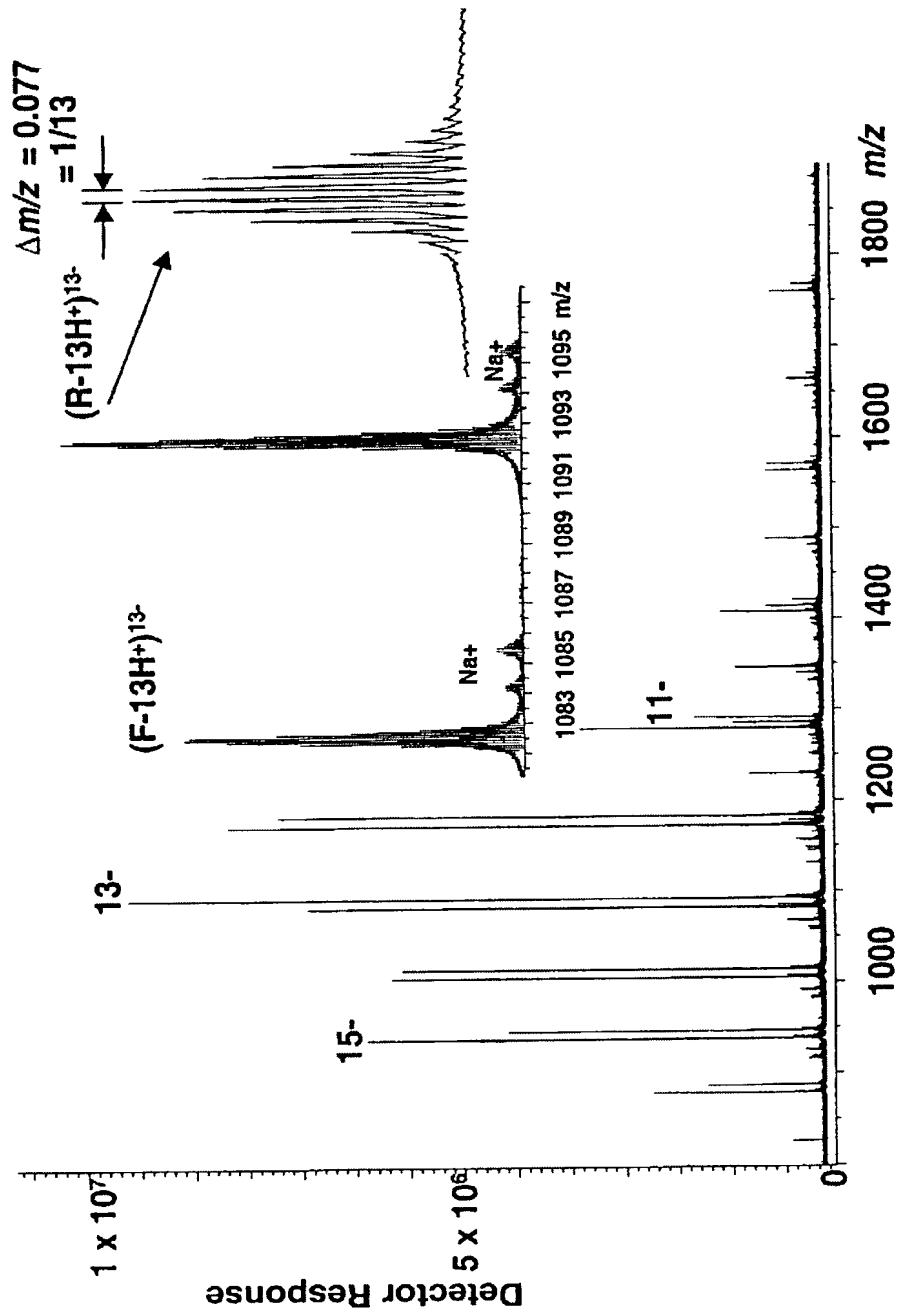


Fig. 9



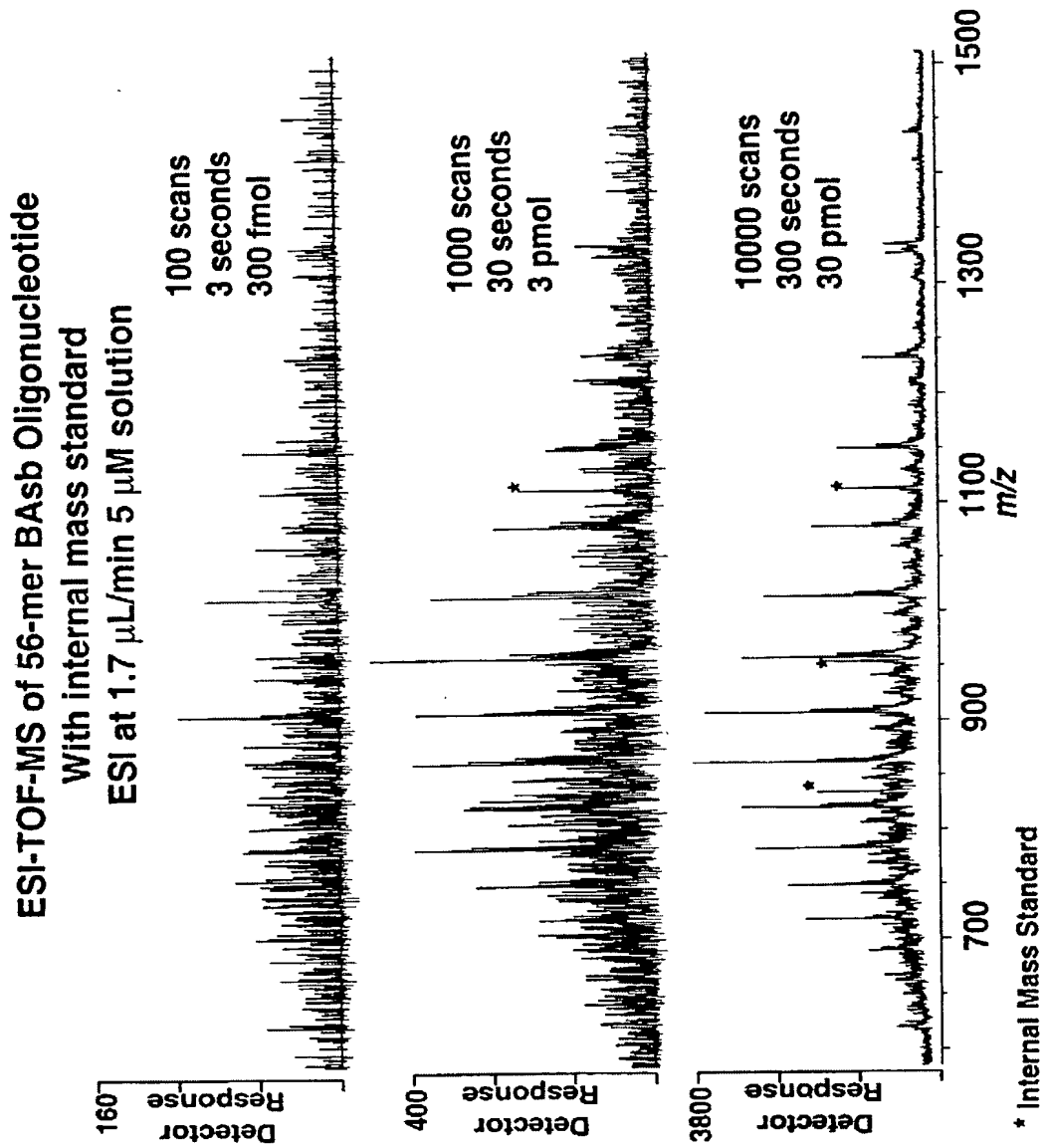
09891793, 070202

Fig. 10



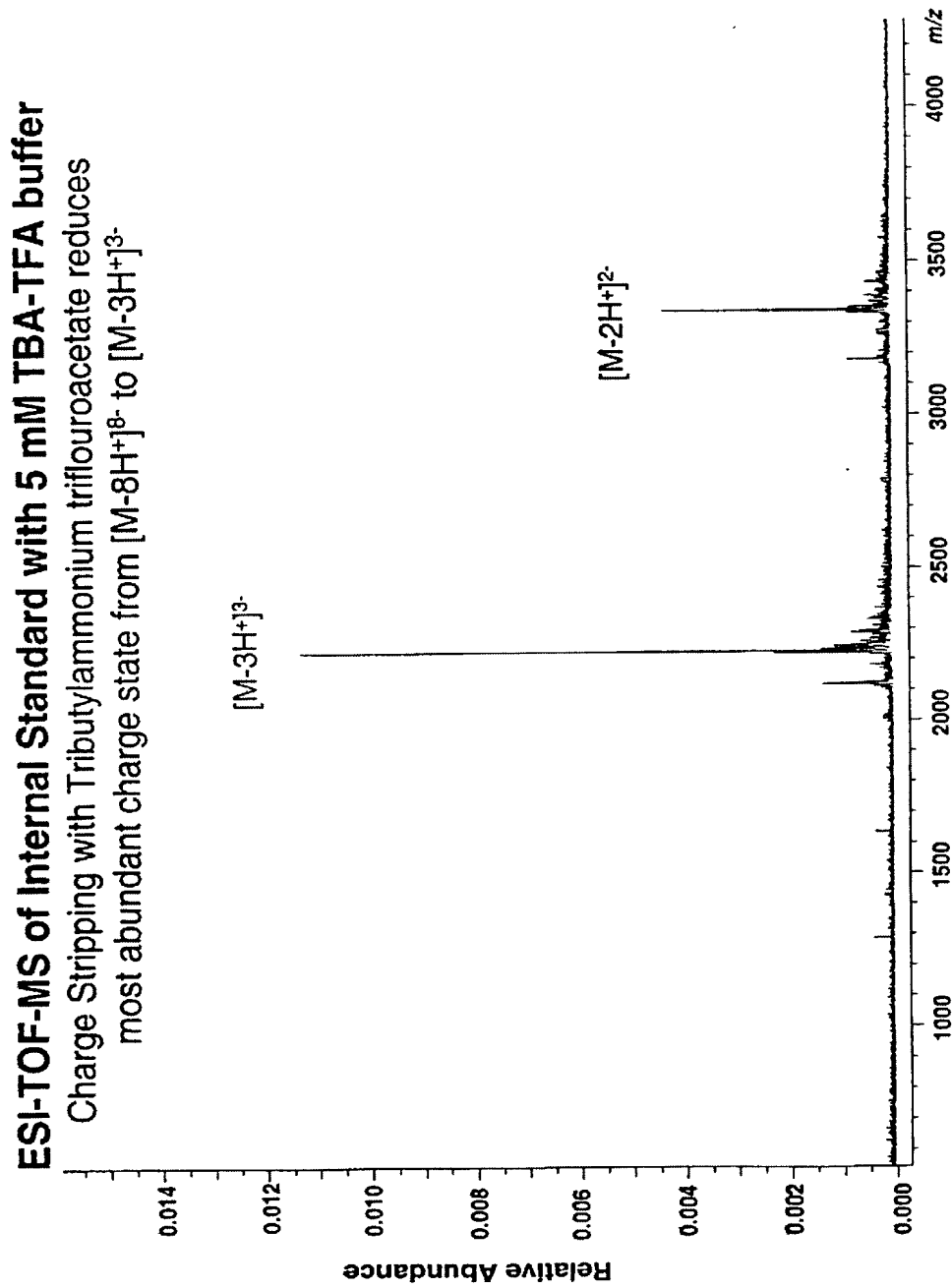
09851793 070202

Fig. 11



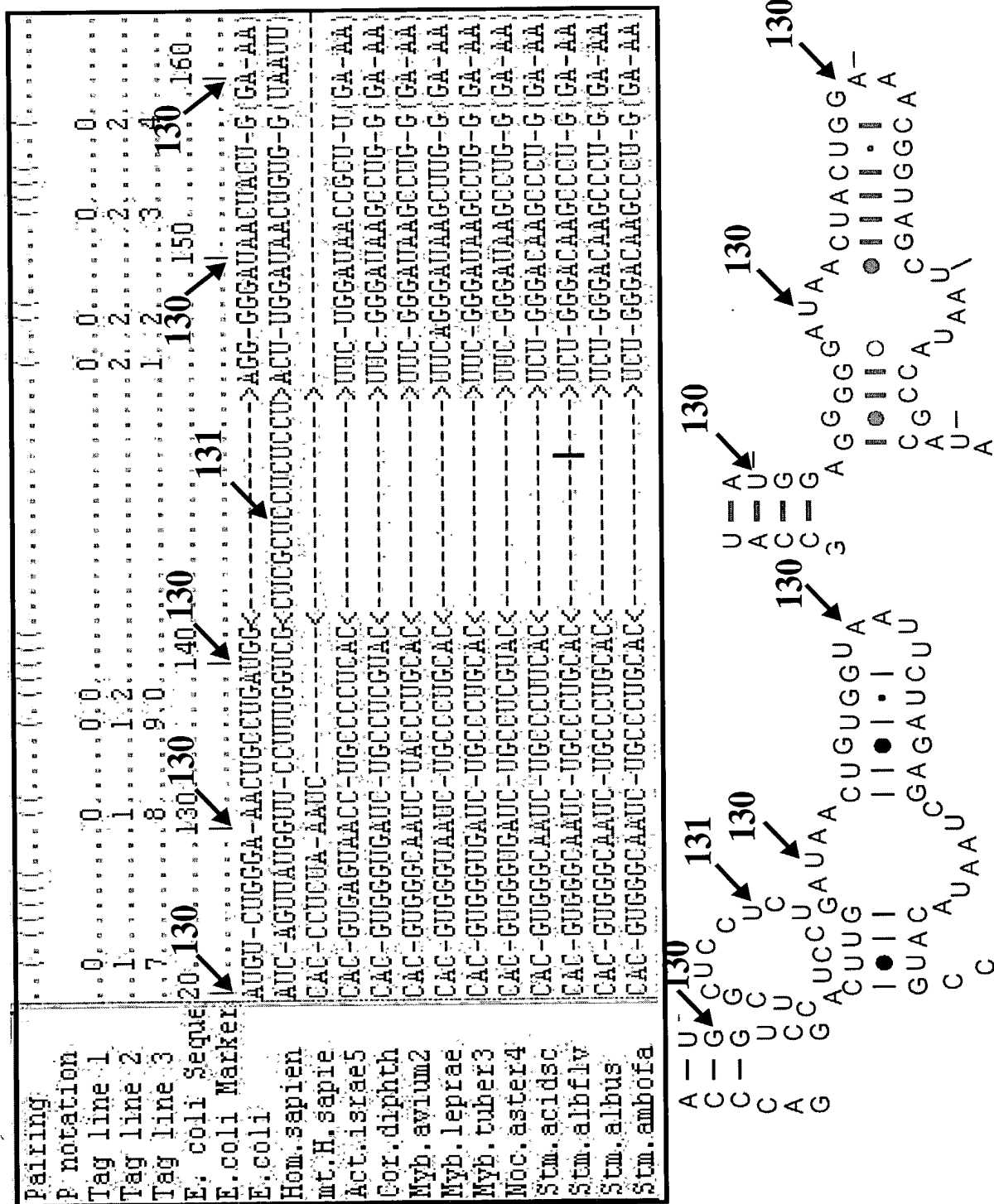
09891793, 076202

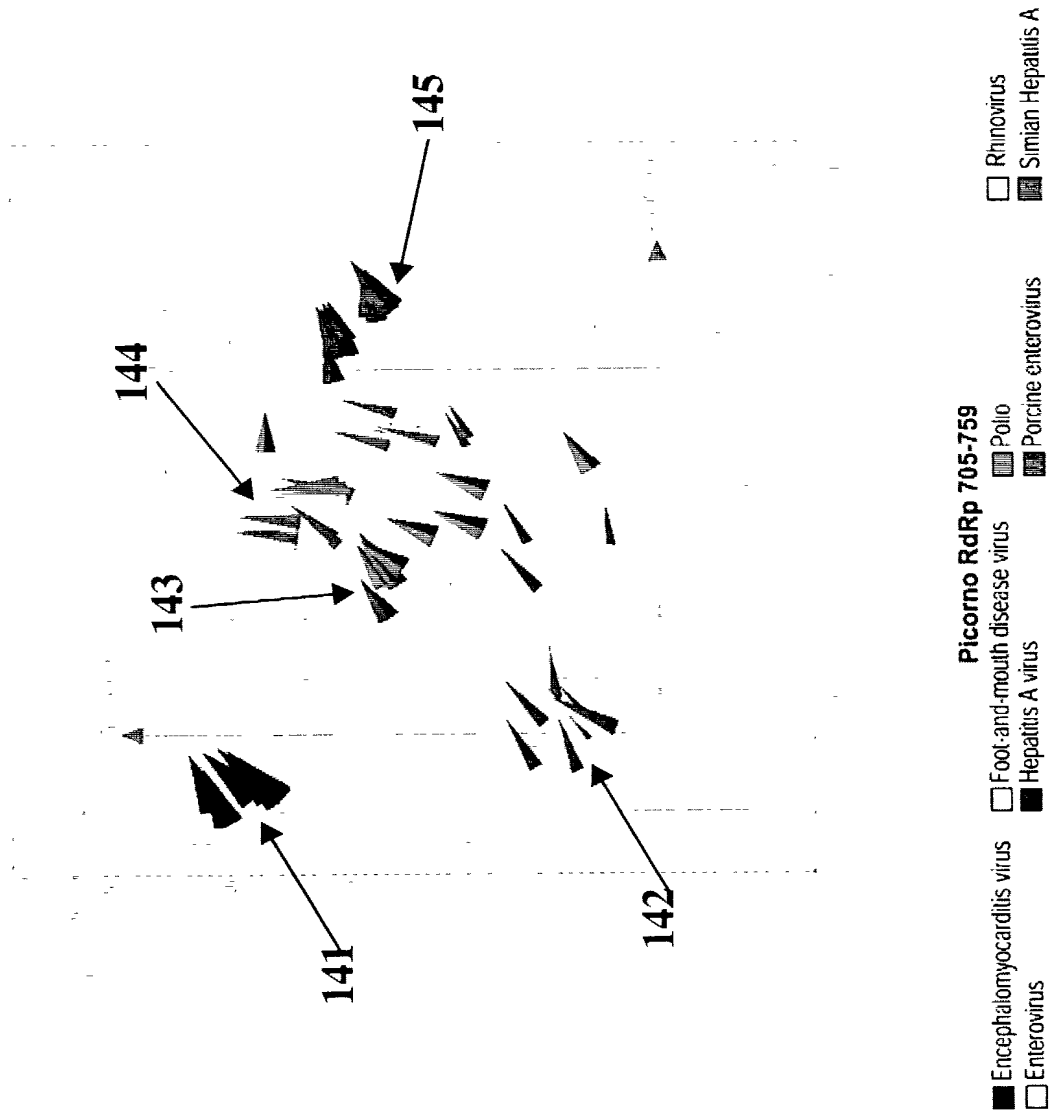
Fig. 12



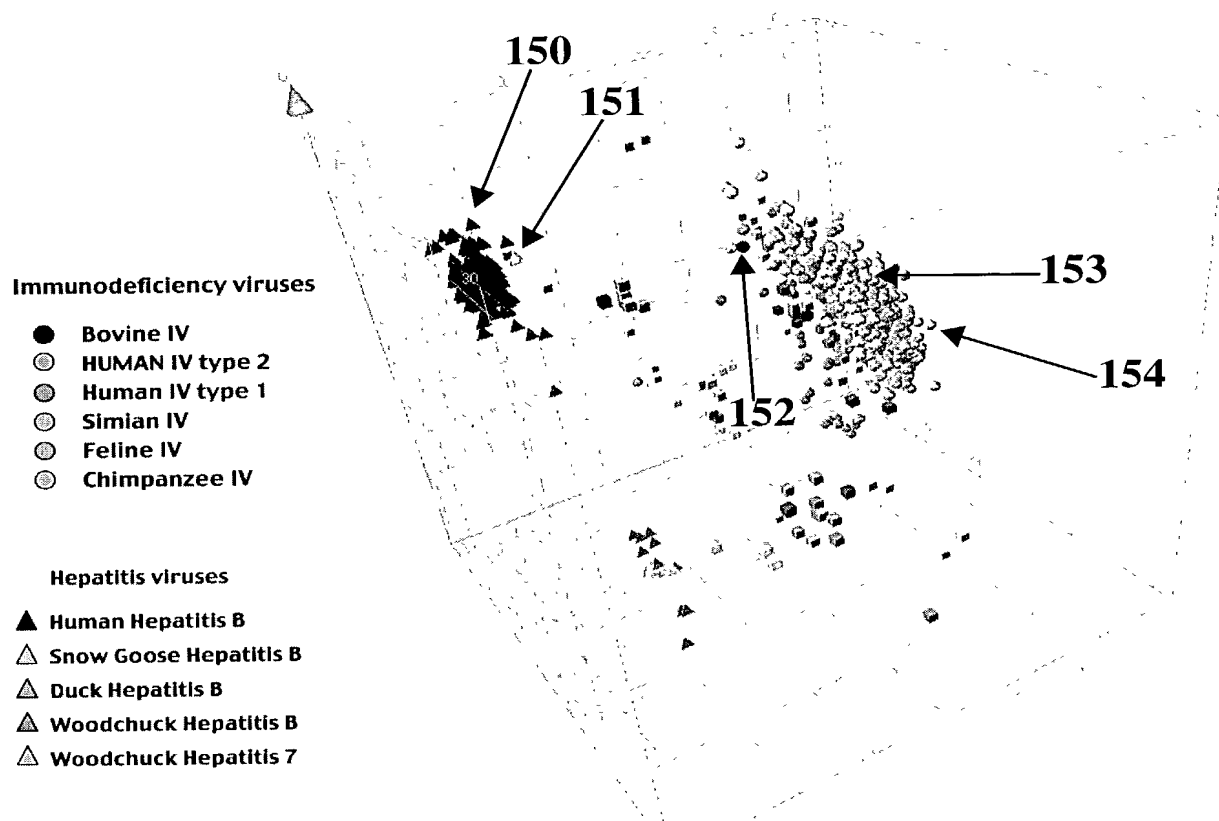


**Fig. 13**

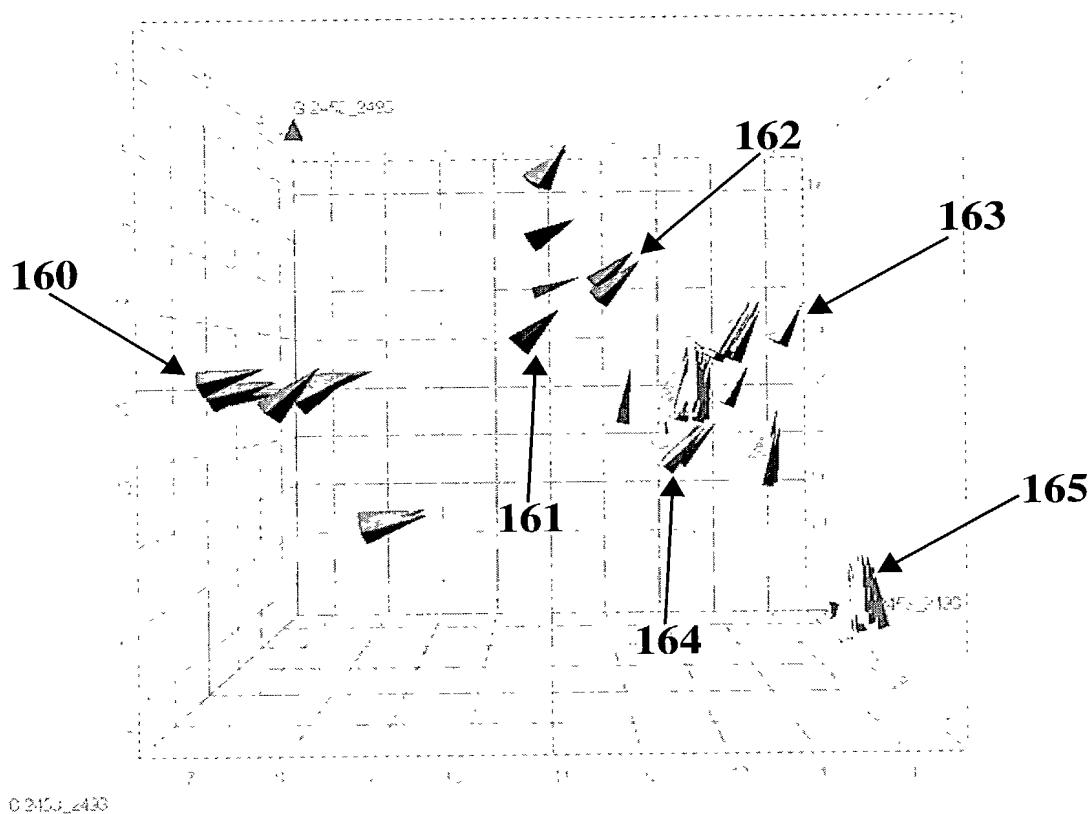







**Fig. 14**

**Fig. 15**

**Fig. 16**



 Dengue virus type  
 Dengue virus type  
 Dengue virus type

**Flavi RdRp 2453-2493**

☒ Japanese encephalitis virus

☒ Kunjin virus

☐ Murray valley encephalitis virus

☒ Tick-borne encephalitis virus  
☒ West Nile virus  
☐ Yellow fever virus

**Fig. 17**